



GAY 3662

Patent  
PD-200114

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: March 12, 2001  
DONALD C. D. CHANG ET. AL :  
Serial No. 09/655,498 : Group Art Unit: 3662  
Filed: September 5, 2000 :  
For: CONCURRENT : Examiner: Sotomayor, John  
COMMUNICATIONS  
BETWEEN A USER  
TERMINAL AND MULTIPLE  
STRATOSPHERIC  
TRANSPONDER  
PLATFORMS

RECEIVED

MAR 16 2001

TO 3600 MAIL ROOM

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

The references cited on the enclosed form PTO-1449 (copies of references enclosed) are brought to the attention of the Office in accordance with the duty of disclosure defined in 37 C.F.R. 1.56 since they may be material to the examination of the above-identified patent application.

The attention of the Office is also directed to the following related copending patent applications (copies enclosed) assigned to Hughes Electronics Corporation, the assignee of the present application:

*all  
considered  
n/b  
3/24/01*

(1) Serial No. 09/271,997 filed March 18, 1999, inventors: Donald C. D. Chang, John I. Novak III, Kar W. Yung, Frank A. Hagen, Ming U. Chang, William W. Mayfield, for "Multiple Satellite Mobile Communications Method and Apparatus For Hand-Held Terminals";

- (2) Serial No. 08/803,937, filed February 21, 1997, inventors: Donald C. D. Chang, Kar W. Yung, John I. Novak III, R. R. Holden, for "Method And System For Determining A Position Of A Transceiver Unit Utilizing Two-Way Ranging In A Polystatic Satellite Configuration", (Attorney Docket No. PD-96330);
- (3) Serial No. 09/209,062, filed 12/10/98, inventors: Kar W. Yung, David C. Cheng, Donald C. D. Chang, for "Method and System for Incorporating Two-Way Ranging Navigation As a Calibration Reference for GPS", (Attorney Docket No. 970590);
- (4) Serial No. 09/550,505, filed April 17, 2000, inventors: Donald C. D. Chang, Kar W. Yung, David C. Cheng, Frank A. Hagen, Ming U. Chang, John I. Novak III, for "Coherent Synchronization of Code Division Multiple Access Signals", (Attorney Docket No. PD-990185);
- (5) Serial No. 09/576,652, filed May 22, 2000, inventors: Frank A. Hagen, Richard Flammang, Kar W. Yung and Donald C. D. Chang for "Multi-Node Point-To-Point Satellite Communication System Employing Multiple Geo Satellites ", (Attorney Docket No. PD-200029);
- (6) Serial No. 09/584,012 filed May 30, 2000, inventors: Ming U. Chang, Kar W. Yung, Frank A. Hagen, Donald C. D. Chang, for "Multi-Node Wireless Communication System With Multiple Transponding Platforms", (Attorney Docket No. PD-200031);
- (7) Serial No. 09/576,648, filed May 22, 2000, inventors: Kar W. Yung, Frank A. Hagen, Donald C. D. Chang, for Multi-Platform Wireless Communication System For A Variety Of Different User Types, (Attorney Docket No. PD-200049);
- (8) Serial No. 09/611,753, filed July 7, 2000, inventors: Donald C. D. Chang, Ming U. Chang, Ying Feria, Weizheng Wang and Alan Cha, for "Stratospheric-Based Communication System For Mobile Users", (Attorney Docket No. 200061);

- (9) Serial No. 09/644,225, filed August 21, 2000, inventors: Frank A. Hagen, Kar W. Yung, Ying Feria and Donald C. D. Chang, for "Synchronization Method And Apparatus For Multi-Platform Communication System", (Attorney Docket No. PD-200064);
- (10) Serial No. 09/587,960, filed June 6, 2000, inventors: Kar W. Yung, Frank A. Hagen and Donald C. D. Chang, for "Resource Allocation Method For Multi-Platform Communication System", (Attorney Docket No. PD-200066);
- (11) Serial No. 09/587,759, filed June 6, 2000, inventors: Kar W. Yung, Frank A. Hagen, Donald C. D. Chang for "User Positioning Technique For Multi-Platform Communication System", (Attorney Docket No. PD-200067);
- (12) Serial No. 09/652,862, filed August 31, 2000, inventors: Donald C. D. Chang, Alan Cha and Ying Feria, for "Rapid User Acquisition By A Ground-Based Beamformer", (Attorney Docket No. PD-200084);
- (13) Serial No. 09/644,224, filed August 21, 2000, inventors: Donald C. D. Chang and Alan Cha, for "Stratospheric-Based Communication System For Mobile Users Having Adaptive Interference Rejection", (Attorney Docket No. 200085);
- (14) Serial No. 09/661,725, filed September 14, 2000, inventors: Donald C. D. Chang, Alan Chan, Jacqueline C. Chen and Frank A. Hagen, for "Stratospheric-Based Communication System For Mobile Users Having Additional Phased Array Elements For Interference Rejection", (Attorney Docket No. 200101);
- (15) Serial No. 09/669,095, filed September 25, 2000, inventors: Kar W. Yung, Frank A. Hagen, Ying Feria, Donald C. D. Chang, for "Coherent Phase Synchronous Code Division Multiple Access Communications From Multiple Transponder Platforms", (Attorney Docket No. 200107); and
- (16) Serial No. 09/655,041, filed September 5, 2000, inventors: Donald C. D. Chang, Kar W. Yung, Frank A. Hagen and Weizheng Wang, for "Ground-Based Wavefront-Projection

Serial No. 09/655,498 . . . . . 4

Beamformer For A Stratospheric Communications Platform",  
(Attorney Docket No. 200119).

This Information Disclosure Statement is not to be construed as a representation that a search has recently been made, that additional information material to the examination of this application does not exist, or that this citation constitutes prior art.

Respectfully submitted,  
DONALD C. D. CHANG ET. AL

By: Vijayalakshmi D. Duraiswamy  
Vijayalakshmi D. Duraiswamy  
Attorney for Applicant  
Registration No. 31,505

VDD:  
Encl: form PTO-1449

HUGHES ELECTRONICS CORPORATION  
PATENT DOCKET ADMINISTRATION  
Bldg. 001, M.S. A109,  
P.O.Box 956, El Segundo, CA 90245-0956

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: the Commissioner of Patents, Washington, D.C. 20231, on  
March 12, 2001.  
(Date of Deposit)

V. D. Duraiswamy  
Name of applicant, assignee, or  
Registered Representative

Reg. No. 31,505

V. D. Duraiswamy  
Signature  
March 12, 2001  
Date of Signature